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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/967,010	09/27/2001	Gou Kojima	16869S-035700US	4180

20350 7590 01/09/2006

TOWNSEND AND TOWNSEND AND CREW, LLP
TWO EMBARCADERO CENTER
EIGHTH FLOOR
SAN FRANCISCO, CA 94111-3834

EXAMINER

DUONG, THOMAS

ART UNIT PAPER NUMBER

2145

DATE MAILED: 01/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/967,010

Applicant(s)

KOJIMA ET AL.

Examiner

Thomas Duong

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 12-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 12-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This office action is in response to the applicants Amendment filed on October 14, 2005. Applicant canceled *claims 1-11* and added *claims 12-22*. *Claims 11-22* are presented for further consideration and examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 12-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Lowery et al. (US005894554A).

4. With regard to claims 12-15 and 22, Lowery discloses,
 - *preparing user interface information including server definition information defining a plurality of servers for providing user interface information regarding multiple user interfaces to the client, and including copy data information for copying common data;* (Lowery, col.2, lines 15-34; col.5, lines 39-47; col.6, lines 32-48)Lowery teaches of “[providing] a Web page designer with HTML extensions, or ‘dyna’ tags. These dyna tags provide customized HTML functionality to a Web

page designer, to allow the designer to build customized HTML templates that specify the source and placement of retrieved data” (Lowery, col.6, lines 32-37).

In other words, Lowery teaches of providing extension tags to build templates specifying the retrieval source and data as well as specifying the placement of the retrieved data. In addition, Lowery teaches of using the HTML extension tags to *“[specify] a data source and a column name to allow the HTML template to identify the data source to log into and the column name from which to retrieve data” (Lowery, col.6, lines 38-41).*

- *upon a request from the client, requesting information from each of the servers providing the user interface information; (Lowery, col.3, line 64 – col.4, line 1; col.5, lines 37-47)*

Lowery teaches of the *“server [receiving] the dispatched request, it processes the request and retrieves the data from an appropriate data source ... [which] include databases, spreadsheets, files and any other type of data repository” (Lowery, col.5, lines 39-44).* Lowery also states that the *“page server can retrieve data from more than one data source and incorporate the data from these multiple data sources in a single Web page” (Lowery, col.5, lines 45-47).*

- *assigning a copy function for copying common data from the user interface information transferred from one of the plurality of servers to others of the user interface information from other servers to thereby create an integrated user interface consisting of the user interface information from the servers and the common data; and (Lowery, col.4, lines 25-31; col.5, lines 20-47; col.6, lines 20-48)*

Lowery teaches of using the *“customized HTML templates that specify the source and placement of retrieved data”* (Lowery, col.6, lines 35-37) and retrieving the specified data from the appropriate data source to create dynamic Web pages for transmitting back and displaying to the requesting client. Lowery teaches *“[processing] the request and [retrieving] the data from an appropriate data source, such as data source 406, data source 408, or data source 410. Data sources, as used in the present application, include databases, spreadsheets, files and any other repository. Page server 404 can retrieve data from more than one data source and incorporate the data from these multiple data sources in a single Web page”* (Lowery, col.5, lines 40-47). Hence, Lowery teaches of retrieving the requested data (i.e. common data) from multiple sources including databases, spreadsheets, files, etc. and incorporating them into a single Web page for displaying to the user.

- *transmitting the user interfaces and the common data to the client so as to display the integrated user interface having the common data.* (Lowery, col.4, lines 25-31; col.6, lines 20-48)

Lowery teaches of using the *“customized HTML templates that specify the source and placement of retrieved data”* (Lowery, col.6, lines 35-37) and retrieving the specified data from the appropriate data source to create dynamic Web pages for transmitting back and displaying to the requesting client.

5. With regard to claims 16-17, Lowery discloses,

- *wherein the client comprises a WWW browser, the plurality of servers comprise WWW application servers, the user interfaces provided by the respective servers*

comprise pages provided by the WWW application servers, and the integrated user interface composes an integrated page which integrates the pages from the servers. (Lowery, col.2, lines 15-34; col.3, line 64 – col.4, line 1; col.4, lines 25-31; col.5, lines 37-47; col.6, lines 20-48)

- *the WWW browser, and the servers are interconnected by a local area network (Lowery, col.2, lines 15-34; col.3, line 64 – col.4, line 1; col.4, lines 25-31; col.5, lines 37-58; col.6, lines 20-48)*

6. With regard to claims 18-21, Lowery discloses,

- *wherein the copy data information includes an "OUT" type indicating common data of a user interface as a copy source and an "IN" type indicating common data of a user interface as a copy destination. (Lowery, col.2, lines 15-34; col.5, lines 39-47; col.6, lines 32-48)*
- *wherein the copy data information further includes an "IN/OUT" type indicating common data of one user interface as a copy destination and, with respect to another user interface, the common data of said another user interface as a copy source when the common data is modified at said one user interface. (Lowery, col.2, lines 15-34; col.5, lines 39-47; col.6, lines 32-48)*
- *wherein the copy data information includes an "OUT" type indicating common data of a user interface as a copy source and an "IN" type indicating common data of a user interface as a copy destination. (Lowery, col.2, lines 15-34; col.5, lines 39-47; col.6, lines 32-48)*
- *wherein the copy data information further includes an "IN/OUT" type indicating a common data of one user interface as a copy destination and, with respect to*

another user interface, the common data of said another user interface as a copy source when the common data is modified at said one user interface. (Lowery, col.2, lines 15-34; col.5, lines 39-47; col.6, lines 32-48)

Response to Arguments

7. Applicant's arguments with respect to *claims 12-15 and 22* have been considered but they are not persuasive.

8. With regard to *claims 12-15 and 22*, the Applicants point out that:

- *In contrast, the Lowery reference, as well as all the other references cited by the Examiner, appear to teach only display of integrated web pages. None of the references that teaches the aspect of Applicants' invention of copying common data among the various pages retrieved to display them on the client.*

However, the Examiner finds that the Applicants' arguments are not persuasive because Lowery teaches of using the *"customized HTML templates that specify the source and placement of retrieved data"* (Lowery, col.6, lines 35-37) and retrieving the specified data from the appropriate data source to create dynamic Web pages for transmitting back and displaying to the requesting client. Lowery teaches *"[processing] the request and [retrieving] the data from an appropriate data source, such as data source 406, data source 408, or data source 410. Data sources, as used in the present application, include databases, spreadsheets, files and any other repository. Page server 404 can retrieve data from more than one data source and incorporate the data from these multiple data sources in a single Web page"* (Lowery, col.5, lines 40-47). Hence, Lowery teaches of retrieving the requested data

(i.e. common data) from multiple sources including databases, spreadsheets, files, etc. and incorporating them into a single Web page for displaying to the user.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas Duong whose telephone number is 571/272-3911. The examiner can normally be reached on M-F 7:30AM - 4:00PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason D. Cardone can be reached on 571/272-3933. The fax phone numbers for the organization where this application or proceeding is assigned are 571/273-8300 for regular communications and 571/273-8300 for After Final communications.

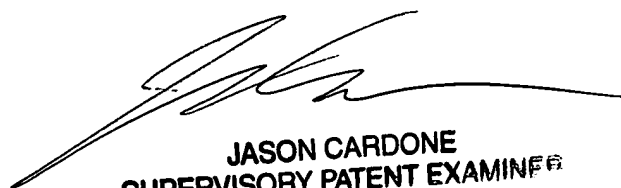
Art Unit: 2145

Thomas Duong (AU2145)

January 4, 2006

Jason D. Cardone

Supervisory PE (AU2145)



JASON CARDONE
SUPERVISORY PATENT EXAMINER